

1,149,304

PATENT SPECIFICATION

DRAWINGS ATTACHED

1,149,304



Inventor: THOMAS RAE LAING ROBERTSON.

Date of filing Complete Specification: 8 February, 1968.

Application Date: 9 February, 1967.

No. 6235/67

Complete Specification Published: 23 April, 1969.

© Crown Copyright, 1969.

Index at Acceptance:—A4 H (5F3, 12A1, 28).

Int. Cl.:—A 47 b 31/00.

COMPLETE SPECIFICATION

Improvements in and relating to Furniture

We, A. H. MCINTOSH & COMPANY LIMITED, a British Company of Victoria Works, Victoria Road, Kirkcaldy, Fife, Scotland, do hereby declare the invention, for which we pray that a Patent may be granted to us, and the method by which it is to be performed, to be particularly described in and by the following Statement:—

This invention relates to an improved 10 and compact piece of furniture for domestic use which combines the functional properties of at least two separate pieces of furniture into a single unit. Basically the invention relates to a trolley which unobtrusively 15 supports at least one occasional table and can itself be converted into a table having a table top area which is twice that of the top surface of the trolley.

According to the present invention a trolley 20 comprises a top surface consisting of two flaps pivoted together so that they can be disposed in folded condition one above the other or in open condition side by side, a substantially right-parallelepipedic 25 wheeled framework supporting the top surface so that the pivoting axis of the flaps is horizontal and the lowermost flap in the folded condition is mounted on the framework for rotation about a vertical axis, the 30 framework being open along one side to permit the slidable insertion therein of at least one occasional table, said table or each of said tables being supported above the floor and located wholly below the top 35 surface of the trolley. Although a single occasional table may be employed, we prefer to mount two identical tables below the top surface of the trolley.

One embodiment of trolley in accordance 40 with the invention will now be described, by way of example, with reference to the accompanying drawings, in which:—

Figure 1 is a perspective side view of the

trolley from the rear showing the two occasional tables in place. 45

Figure 2 is a plan from below showing the top surface of the trolley opened out, and

Figure 3 is a side elevation from the front showing how the occasional tables are nested in place. 50

Referring to the drawings, the top surface 1 of the trolley is provided by a pair of rectangular plane flaps 1a and 1b hinged together along adjacent long edges 2 and 55 pivotally mounted on a right-parallelepipedic framework 3 about a vertical axis 4 (see Figure 2) offset from the centre of the area of the framework in plan. With the flaps in the folded condition (i.e. one above the other as shown in full lines in Figure 1) the top surface of the trolley has an area only slightly greater than the area of the framework in plan. The top surface of the trolley can be extended by pivoting the 60 flap 1a through 180° (in the manner shown dotted in Figure 1) so that the flaps lie side by side. This produces a top having a surface area equal to the sum of the areas of the flaps 1a and 1b. With the pair of flaps 70 in the open condition, they can be pivoted about the vertical axis 4 in the direction of the arrow "A" in Figure 1 through an angle of 90° into the position shown in Figure 2. 75

A block 10 (see Figure 2) secured to the underside of the flap 1b serves as a stop to limit the rotation of the flaps about the axis 4.

Two occasional tables 5 and 6 nest wholly 80 below the top surface 1 of the trolley, each occasional table being slipped into the framework 2 with the opposite side edges of the top of each occasional table engaged in a grooved centre guideway 7 and resting 85 on an outer strip 8 so that the legs of the

occasional tables are supported clear of the floor. A strut 9 along the back of the framework 2 serves as a stop for the tables 5 and 6 as they are slid into place.

5 The trolley shown in the drawing may be employed as a conventional trolley with the hinged flaps 1a and 1b in the folded condition and with the occasional tables 5 and 6 nested within the framework 3 in a position
10 in which they do not impede the free movement of the trolley over the floor or impair the usefulness of the trolley as a load-carrying member. The occasional tables can be removed at any convenient time without disturbing the goods on the top surface of the trolley and by opening the pair of hinged flaps and pivoting them about a vertical axis through 90° relative to the framework, a table is obtained having a table
15 top area which is twice that of the top surface of the trolley.

The facility of being able to transport one or more occasional tables around with the goods supported on the top surface of the trolley is a real advantage in practice, since it enables a table to be deposited at the most convenient position, and after being removed from the framework and placed in position, it can be used to support goods transferred to it from the trolley.
25
30

WHAT WE CLAIM IS:—

1. A trolley comprising a top surface consisting of two flaps pivoted together so that they can be disposed in folded condition one above the other or in open condition side by side, a substantially right-parallelepipedic wheeled framework supporting the top surface so that the pivoting axis of the flaps is horizontal and the lowermost flap in the folded condition is mounted on the framework for rotation about a vertical axis, the framework being open along one side to permit the slideable insertion therein of at least one occasional table, said 45 table or each of said tables being supported above the floor and located wholly below the top surface of the trolley.

2. A trolley as claimed in claim 1, in which two occasional tables are located below the top surface of the trolley.

3. A trolley substantially as hereinbefore described with reference to, and as illustrated, in the accompanying drawings.

J. Y. & G. W. JOHNSON,
Furnival House,
14-18 High Holborn,
London, W.C.1.
Chartered Patent Agents,
Agents for the Applicants.

1,149,304

3 SHEETS

COMPLETE SPECIFICATION

This drawing is a reproduction of
the Original on a reduced scale.
SHEET 1

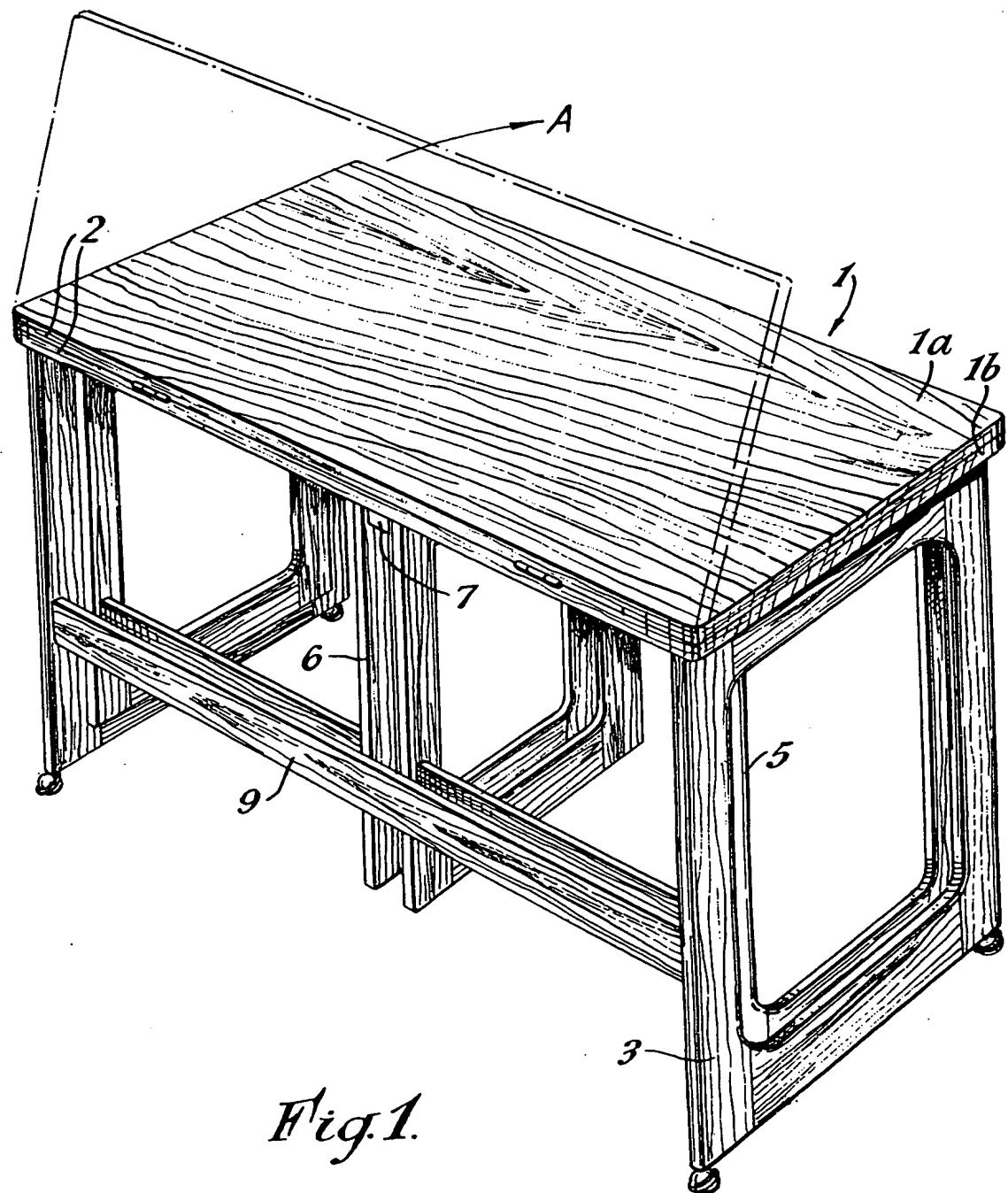


Fig. 1.

1,149,304 COMPLETE SPECIFICATION
3 SHEETS This drawing is a reproduction of
the Original on a reduced scale.
SHEETS 2 & 3

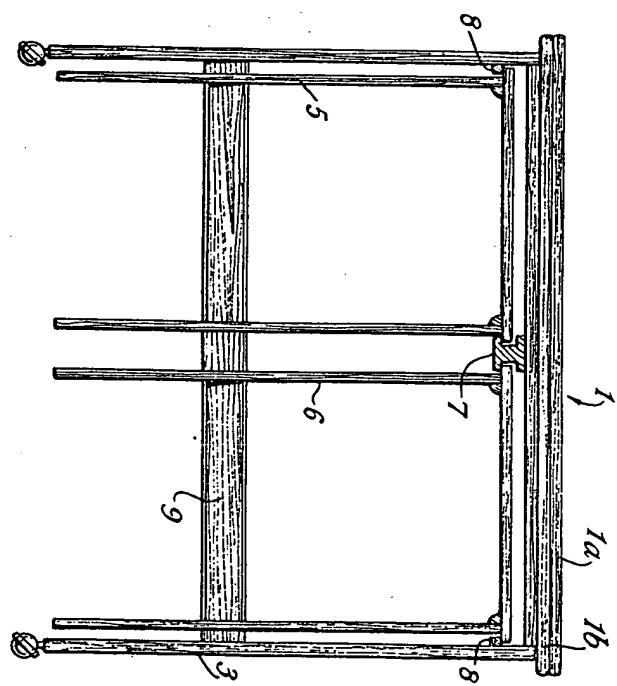


Fig. 3

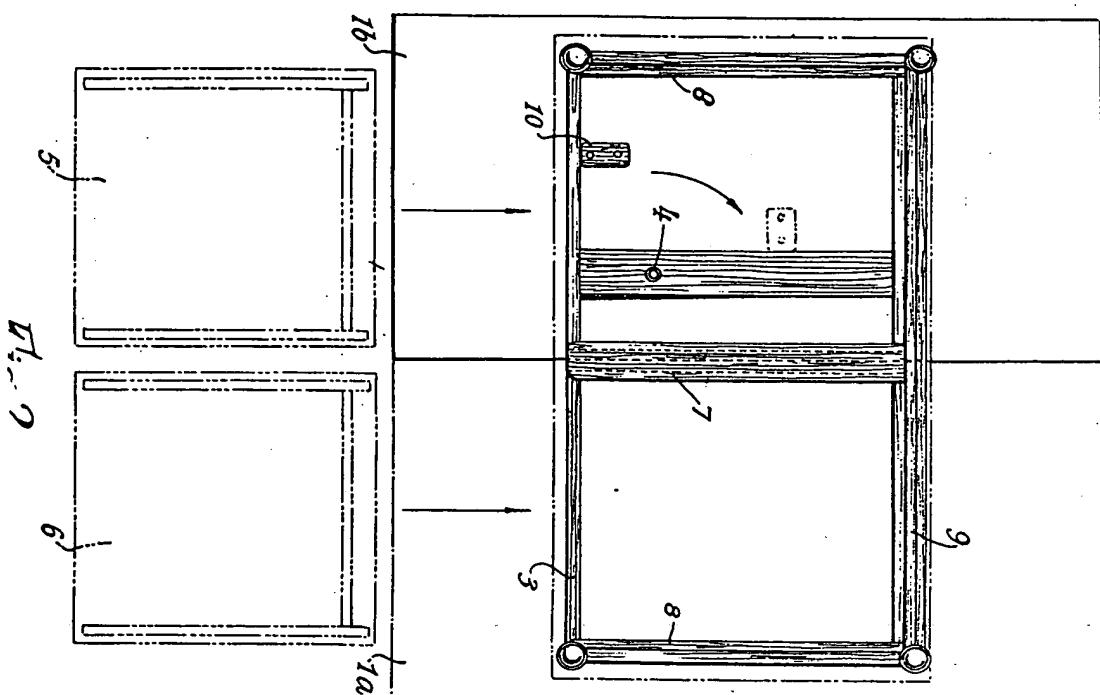


Fig. 2